

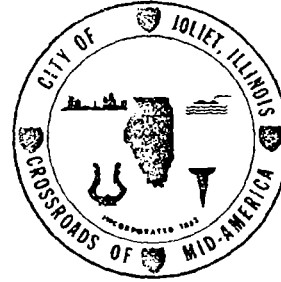
EPA Region 5 Records Ctr.



285889

OFFICE OF THE CITY MANAGER  
ROBERT H. OLDI AND  
CITY MANAGER

CITY OF



JOLIET

150 WEST JEFFERSON STREET  
JOLIET, ILLINOIS 60431

(815) 740-2211

January 2, 1981

TO: MAYOR AND CITY COUNCIL  
FROM: CITY MANAGER  
SUBJECT: STATUS OF PROCESS ALLIANCE PARTNERSHIP CODE COMPLIANCE

BACKGROUND

Process Alliance Partnership operates an Industrial Waste Treatment Facility at 608 Railroad Street. A listing of major activities prior to December 6, 1980 is attached.

CONCLUSION

Since December 6, 1980, Process Alliance Partnership has had two incidents on the site. They are as follows:

1. At approximately 4:00 p.m. on Friday, December 26, 1980, an explosion occurred as a result of a welding operation taking place up on a tank containing flammable vapors without following the industries practice of filling the tank with inert atmosphere. The welding was being performed by Modern Builders Industrial Concrete who has been working on the Process Alliance Partnership site to install the storage tanks required for that operation. Modern Builders Industrial Concrete had previously welded on other tanks on the site using an inert atmosphere and the reason that the practice was not used has not been determined. As a result of this explosion, one of the tanks ruptured causing a spill on to the ground on the raw material that is processed on this site.
2. The other incident that has occurred at Process Alliance Partnership was a spill of approximately 1,000 gallons of the oily material that is seperated from the caustic waste that Process Alliance Partnership treats. This oily material was stored in a tank truck on the site in preparation for shipment and apparently one of the pipe fittings deteriorated and caused a leakage of this material. On Sunday, December 28, 1980, the material was spilled on the site and Process Alliance Partnership has

been working to clean up the spill through the use of a vacuum truck since December 28, 1980. This spill did result in some odors coming from the site that did result in at least one complaint.

On November 21, 1980 conditions were placed on the reinstatement of the temporary discharge permit and the status of these conditions and Process Alliance Partnership progress to meet them as of January 2, 1981 are as follows:

1. Requirement

Process Alliance Partnership completing the construction of all facilities including the metering device and monitoring manhole by December 31, 1980.

Status

The construction status is shown on an attached sheet. At present, 99% of the process is located inside the building with work in progress to complete the final acid mix tank which when completed will place all processing inside.

2. Requirement

The storage tanks for their acid reagent be properly bermed to meet State Fire Marshall requirements by December 31, 1980.

Status

Complete.

3. Requirement

Process Alliance Partnership apply for an Air Quality Control Permit and comply with all requirements placed on that permit by the Illinois Environmental Protection Agency.

Status

Application is being completed and will be forwarded to Illinois Environmental Protection Agency for consideration on January 2, 1981.

4. Requirement

Process Alliance Partnership comply with all the requirements of the Illinois Environmental Protection Agency relating to a Site Development Permit.

Status

Illinois Environmental Protection Agency has not completed the review of this application, which was submitted on October 10, 1980.

In summary, Process Alliance Partnership has substantially complied with all requirements set forth by the City.

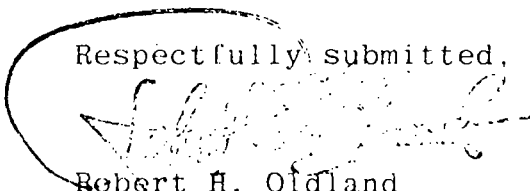
1. Compliance with Ordinance requirements for an industrial sewer connections have been met, and granting of such permit will be finalized upon receipt of the Illinois Environmental Protection Agency site development permit.
2. The question of odor emissions has been addressed procedurally by employing a closed and controlled system on site. This action has materially improved air quality, i.e. reported incidents of odor complaints have been drastically reduced.
3. Other process improvements, required either by the City or the State, which remain incomplete, are beyond the control of Process Alliance Partnership, i.e. provision of additional electrical service lines and issuance of related permits.
4. Other work in progress, which remains incomplete, is of a convenience nature and is unrelated to the process itself.

RECOMMENDATION

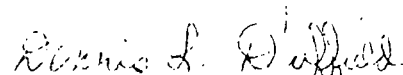
It is recommended:

1. That, in accordance with existing Ordinances, the City proceed to issue an industrial sewer connection and discharge permit, upon receipt of the Illinois Environmental Protection Agency site development permit and, in the interim, Process Alliance Partnership be allowed to continue to operate and the Administration continue to monitor the situation and report as required.
2. That the City Council receive this report and place it on file.

Respectfully submitted,

  
Robert H. Oldland  
City Manager

Concurrence:

  
Dennis L. Duffield  
Director of Utilities

RHO/kac

Attachment

PROCESS ALLIANCE PARTNERSHIP  
ACTIVITY SUMMARY

<u>DATE</u>	<u>ACTIVITY</u>
July 11, 1980	Notified Process Alliance Partnership that no discharge would be allowed until requirements of Industrial Waste Ordinance were met.
July 15, 1980	Met with Process Alliance Partnership representatives to develop a schedule for compliance.
July 18, 1980	Odor and illnesses reported near 608 Railroad Street. No cause determined.
July 20, 1980	Process Alliance Partnership began processing.
July 21, 1980	Meeting between Process Alliance Partnership, Illinois Environmental Protection Agency, Illinois Attorney General, Acting Utilities Director, Deputy Fire Chief. Agreed barge to be emptied by July 24, 1980.
July 22, 1980	Permit obtained to haul waste from site.
July 24, 1980	Barge emptied. Meeting with Deputy City Manager, Fire Chief, Acting Utilities Director, Corporation Counsel to determine if test operations could begin and established compliance schedule.
August 25 & 27, 1980	Noticed distinctive odor at East Side Sewage Treatment Plant. Determined odor was originating in the sewage. Met with Process Alliance Partnership at 11:00 p.m. on August 27, 1980 to determine cause.
September 13, 1980	Noticed odor and oil scum at the East Side Sewage Treatment Plant.
September 15, 1980	Stopped Process Alliance Partnership from discharging.
September 17, 1980	City Manager, Deputy City Manager and the Director of Utilities met with Process Alliance Partnership representatives and agreed to allow discharge again based on increased activities of Process Alliance Partnership to prevent discharging oily material.
October 16, 1980	Fire Department advised Process Alliance Partnership that all storage tanks should be diked.
October 28, 1980	Received copy of Process Alliance Partnership's Site Development Permit Application with construction schedule indicating all work to be completed by December 31, 1980.

Process Alliance Partnership  
Activity Summary  
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<u>DATE</u>	<u>ACTIVITY</u>
October 29, 1980	1. Process Alliance Partnership agreed to construction schedule indicating completion of all work by December 31, 1980. 2. Fire Department revised diking requirement to include storage for virgin acid and combustible or flammable liquids. 3. Reported to Council on activities.
November 17, 1980	Provided Illinois Environmental Protection Agency with comments concerning the Site Development Permit.
November 19, 1980	Ordered discontinuance of discharge.
November 20, 1980	City met with Process Alliance Partnership, Illinois Environmental Protection Agency and the Will County Health Department.
November 21, 1980	Allowed resumption of discharge.
December 4, 1980	Contacted Illinois Environmental Protection Agency in reference to the Air Quality and Site Development Permits.

Process Alliance Partnership  
Construction Status  
January 2, 1981

<u>Item</u>	<u>Status</u>	<u>Remarks</u>
8" Sewer Connection	Complete	
Permanent Piping Inside	25%	Temporary piping in service installation is ongoing.
Outside	90%	Permanent piping in service
Tank Foundations	Complete	
Berm	Complete	
Flow Meter & Manhole	Complete	
Electrical	Complete	Installation ongoing.*
Carpentry	95%	Installation ongoing.**
Steelwork	90%	Installation ongoing.**

\* Major cause of incompleteness is due to the fact that Commonwealth Edison has yet to provide the needed service lines requested in July 1980.

\*\* Work has nothing to do with the process itself, it is convenience work only.